

BUILD YOUR OWN "Bio-Pacer"

Countermeasure for Electronic Pollution - by Peter Nielsen

Just when you thought things couldn't get more unreal, you read about the insidious, all-pervading "AIDS of the airwaves" - **ELECTROMAGNETIC POLLUTION.**

For those of you who aren't hiding under the futon, this issue of Nexus offers plans for a simple, yet effective, solution. It works by supplementing airborne radiations from communications, power lines, motors and appliances with a set of synthesized frequencies based on those found in nature.

IT HERTZ

Magnetism, in addition to being steady as in the permanent sort, may undergo pulsations when generated by an alternating electrical flow. These are measured in cycles per second, termed Hertz (Hz), and are now known to affect living tissue, in amazingly low concentrations, depending on their repetition rate and extremity of wave-shape. The dimensional span of each cycle is called its "wavelength", which may also occur through electrifying a physical object of the same measurement.

A predominant interaction occurs within the neuro-physics of the mind - an exotic soup of piezo-, ferro-, super- and semi- conductivity. The cerebral cortex and hypothalamus, sites for sensory input and behaviour, are most vulnerable. The electrostatic sensitivity of RNA alone is a staggering 250,000 times that of air. Accordingly, the first sign of intrusion by dissonant EM fields is often disorientation, attributed to induced brainwave patterns unrelated to any observable stimuli. This is followed by inappropriate release of mood-altering enzymes and endocrines.

Ordinarily, our bio-electrical field tends to synchronize with key geo-physical dynamics, which act as a subliminal clocking mechanism. They are represented by two primary sources:

- 1) 3.5Hz: the Earth sphere resonance; and
- 2) 7.83Hz & 10.5Hz: Earth atmospheric resonances.

Organic systems mutate from their "intended" state of balance, for better or worse, when subjected to oscillatory functions beyond these stable parameters. Most man-made ones are, and of sufficient diversity as to inhibit acclimatization. The static magnetic field of the planet measures about 0.5 gauss. Operating brain cells produce magnetic currents on billionth of this! A hairdryer pumps out 10-25 gauss at 50Hz. Ample evidence of metabolic and psychological distress from such arbitrary emissions is revealed elsewhere in this publication. At this point it is unclear whether our body's wide-ranging autonomic responses reflect an improvised adaptation to EMF, or hopeless confusion. Sensitivity varies markedly between individuals.

A paper by Choy, Munro and Smith in *Clinical Ecology*

describes frequency specific reactions resembling allergies in a wide cross section of patients. Surprisingly, identical effects occurred from contact with water previously exposed to the same vibration. Metal screening techniques confirmed re-emission at a higher harmonic, on formerly correlated with vital intra-cellular communications. Our body is 99% fluid, and may likewise retain active components of radiational energies long after exposure - and what about electrically heated food, and the water we drink and bathe in?

In the early 1900's, a Viennese professor decomposed water into oxygen and hydrogen with simple magnets, implying as yet uncorrelated bio-molecular reactions. The Spanish neuro-scientist, Dr. Jose Delgado, used coaxial "helmholtz" coils, ordinarily applied to healing bone fractures, in pulsed mode to directly stimulate pleasure centres in the brain. My preliminary research indicates that, when calculated for terrestrial magnetic intensity, the mobilising cyclotron resonance of most atomic elements falls within the proliferate ELF (extreme low frequency) range. Presence of artificial fields would alter normal migration of so-influenced substances throughout the entire body.

COSMIC JUICE BAR

By providing a supplemental source of NATURAL radiations, at comparable amplitude, our magnetic "nutrients" can be easily re-introduced. In one landmark experiment at the Max Planck Institute in Germany, the desynchronised biorhythms of volunteers were restored within minutes by a 10Hz. signal, applied at an external field strength of only 2.5 volts/meter. Similar apparatus was fitted to manned spacecraft.

The Chinese used magnetic powders for healing 1200 years ago, and small adhesive magnets of up to 3,500 gauss are now sold for application to acupuncture points. Steady fields are also known to produce delta spindles within a normal "alpha" brainwave pattern. This condition implies a unique superimposition of sleep and waking, that favours lucid dreaming and mystical experiences.

Generally, the north magnetic pole activates while the south depresses, and convergence of like polarities compresses space/time into highly reactive "scalar" waves, which can be focussed internal to the body. In applying the latter at 8Hz. to white blood cultures, recent contributors to the *US Psychotronics Journal* reported cell growth nearly doubling that of exposure to ordinary EM fields at the same predisposing frequency. Similar experiments with the ever-present 50Hz. mains have suppressed this response, weakening immunity to other stressors acting on the body.

Related weapon systems for behavioural control are being tested while society remains conveniently ignorant of so-called "inconclusive" research conducted since the 1930's. Promising therapeutic devices, such as the "Dotto Ring", "Priore Machine", "Rife Generator" and "Lakhov-

sky MWO”, which regulate cellular functions through EM resonance, have been sidetracked by repressive legislation. Anti-carcinogenic and rejuvenating properties were demonstrated during their brief trials. The Russians produced sleep transmitter technology years ago and then beamed its psychoactive waves at the US embassy in Moscow resulting in the installation of suitable shielding equipment.

PSI-FI

I can walk into my lab, touch the probe of a test instrument, and read that my body is absorbing nearly 3 volts of 50Hz ‘stray’ radiation from the surrounding mains wiring. Of this, and the thousands of information-carrying frequencies instituted by modern communications, few biological studies were ever made. Technocrats crudely presumed that tissue structures were transparent to all wavelengths, except those of corresponding dimension.

However, the TOTALITY of a biological system contains unpredictable non-linear responses, intended by nature to utilise low frequency fields. Today, biochemistry is merging with energetics to model a new living alchemy. Meanwhile, in most countries, there are still no legal constraints on EMF exposures below 1 million Hertz.

Have you ever been humming a popular song, then turned on the radio and found it playing? Have you ever felt someone looking at you? These are technologically obscured natural faculties. Not long ago, it was demonstrated that the focussing of attention induces minute electrical charges in objects. An inverse effect could partly explain our fatal attraction for technology, and corresponding loss of a more all-embracing awareness.

ELF BAND AID

The Soviet Union has already invested billions in a global brain entrainment network, affectionately dubbed “the woodpecker”. Phase locking of human brainwaves has been documented halfway around the globe.

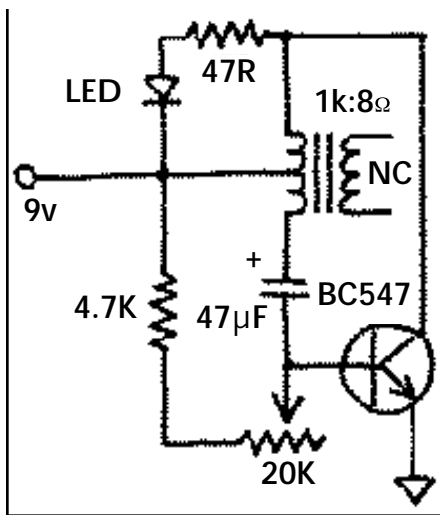
However, for about \$10 you can stuff it up - within a radius of a few feet. Just follow the simple diagram below. In addition to countering most any unwanted signal with a more beneficial one, it can also be tuned to access the body’s internal pharmacopea. For repeatable results you will need to calibrate the control knob with a borrowed frequency meter, accurate to at least 0.1Hz. in the sub-audio range. A ten-turn potentiometer is recommended. The transformer is a common 1K:8 ohm audio output type.

Try the natural frequencies first:

- 1) 3.5Hz - *sleep, trance, deep relaxation;*
- 2) 7.83Hz - *insight, meditation, tuning in;*
- 3) 10.5Hz - *mind powers, creativity, active learning.*

These apply to all species, creating a common Earth bond - and speculative basis for coupling of multiple nervous systems.

As part of our survival instinct, other EMF transients in the 0.01 - 100 Hz. range are subliminally interpreted as impinging seismic activity, solar storms, lightning dis-



charge - in other words, events compelling attention. Visceral sensing of sub-acoustic frequencies generated by wind and water keeps us attuned to larger dynamics working in the environment. Your TV screen flickers at 25Hz.

While of low intensity, such long waves travel virtually without loss - until focussed by geological or man made deposits of, in particular, ferrous metals. Involuntary states of heightened awareness triggered on site, can result in mental aberrations, or spontaneous psychism, depending on the wave permutations encountered. What would you expect from a steel reinforced office block? Re-

radiated energies from household plumbing are another potential source of behavioural uncertainty.

PULSING OFF

The circuit illustrated emits BIPOLAR pulses, optimal, and non-destructive, in relation to the pioneering neurological research of Dr. John Lilly. It requires a 9 or 12 volt mains adaptor to produce stable output for constant use applications. If run from a battery, frequency will shift with depletion.

Similar units are used for jet lag, and geopathic stress caused by poorly sited dwellings. Seed germination, plant growth, drug withdrawal, ESP, pain relief and tissue regeneration represent other areas of current interest. Remember, this IS new territory, so proceed with moderation, and at your own risk. As a precaution, persons with epilepsy or implanted pacemakers are advised to refrain.

For those unfamiliar with the electronics in this project, a completed circuit board is available on a no claim basis from the author: PO Box 87, Byron Bay NSW 2481 for \$25.00 ppd. You will need to add your own enclosure, plugpack, and friendly technician to do the calibrating, if desired. Get back to nature with technology? Now I’ve heard everything.

THE DARK SIDE

In closing, I would like to paraphrase a former US Government researcher. “The Programmed Cont Pulsar is ideal for the learned behaviour technique. The Waveform Generator produces a distinguishable, usually pleasant waveform, which is repeated many times. This is ELF swept ultrasonics for greater range and neural coupling. The subject adapts to this electromagnetic “tune”, which comes across like something one actually hears - a favourite jingle playing over and over in the mind.

To disrupt the subject, this need only be garbled with a Randomiser. Unable to reconcile or predict the resulting distortions, the subject stays in an aroused state, becoming extremely agitated and upset. Symptoms of severe mental illness can result. If a conditioned response can be attached to the superimposed pulse trains by conventional media, we have undetectable population control.”